

Below are the SQL queries

Query for 1Q	<pre>SELECT r.route_id, r.name, SUM(rp.distance) AS total_distance FROM routes r JOIN route_points rp ON r.id = rp.route_id GROUP BY r.route_id, r.name ORDER BY total_distance DESC;</pre>
2	<pre>SELECT rp1.route_id, rp1.stop_id AS source_stop_id, rp2.stop_id AS dest_stop_id FROM route_points rp1 JOIN route_points rp2 ON rp1.route_id = rp2.route_id WHERE rp1.order = 1 AND rp2.order = (SELECT MAX(order) FROM route_points WHERE route_id = rp1.route_id) ORDER BY rp1.route_id;</pre>
3	<pre>SELECT t.station_id, s.name AS station_name, t.slot, t.time FROM times t JOIN station s ON t.station_id = s.id WHERE t.station_id = 1 AND t.slot = 1 ORDER BY t.time;</pre>